Le situited britished, itation to mem to mem to site it.

eğ Rim Xm =0.

## - 32.:

ratioles beam no toxif, 0<3 sit

Coutam me EN a.I. W m≥me, over 12n-01< E.

1xm-01= | m-0|= | m = m, (x menx

1×m-01<E (=) 1×m <E (=) m> =

Maltz = = T = 7+1 EN.

() W= WE ' anow W> F.

Deci Dim Zm=0 [

2. Fie (xm)m CZ rzi DER a. S. Dim xm=D. Frottati

a de Z.

(9<3 (t) as mity iset,  $R = M \times mil$  is mity (15%)

3>1R-mæl meus, 3m≤m (t).I.s M33m (E)

Bearymen prin Drukd ca 2 \$ Z.



Degem €>0 a.z. (2-€, 7+€) NZ=Ø, desi Degem €>0 a.z. [2]<2-€ zi 2+€<[2]+1.

exercise , such is an as 0 < 3 mus again mature mits 3 (t), toward is 0 < (-1 + [R] + [R]) is 0 < [R] - R asificien ([R-1+[R], [R]-R] mim, 0) below this is a later 0 < R = R / (3 + R) + R / (3 - R) is later for all 0 < R / (3 + R) + R / (3 - R) is later 0 < R / (3 + R) + R / (3 - R).

M33m (E), Q= In (3+R,3-R). I. D 0=3 water Q

a. I. (3+R,3-R)3mx mace, 3m≤m N). I. D

Ramane ca SEZ. 🗆

toiste inement es isusies withten inlutenas limitisca

Tie  $(\pm m)_m \subset (0 + \omega)$  a.  $\bar{x}$ .  $\bar{x}$   $m = 0 + \omega$ Tie  $(\pm m)_m \subset (0 + \omega)$  a.  $\bar{x}$ .  $\bar{x}$   $m = 0 + \omega$ Tie  $(\pm m)_m \subset (0 + \omega)$  a.  $\bar{x}$ .  $\bar{x}$   $m = 0 + \omega$ Tie  $(\pm m)_m \subset (0 + \omega)$  a.  $\bar{x}$ .  $\bar{x}$   $m = 0 + \omega$ Tie  $(\pm m)_m \subset (0 + \omega)$  a.  $\bar{x}$ .  $\bar{x}$   $m = 0 + \omega$ .

Dead 9<1, atunci Sim &m=0. Watbo 00+=mx mix ismuto (1<8 sade 6 W->+00 3) Doca 7=1, atunci ocest criticiu mu decide. 3. Fie a E (0,+0). Determinați Dim m.a. Sol.: Fie &m=m·a, 14 m€IN\*.  $\frac{m + \infty}{2m} = \frac{m}{2m} = \frac{m + \infty}{2m} = \frac{m + \infty}{2m} = \infty$   $\frac{m + \infty}{2m} = \frac{m}{2m} = \infty$   $\frac{m + \infty}{2m} = \infty$   $\frac{m + \infty}{2m} = \infty$ - set is iserier wither indutrement indirections . 200 meno patitivi , avem : 1) Doca and (i.e. ac(0,1)), otimei Dim #m=0. 2) Aboa's anil ismuto, ((4+11)30.4.i) 1=0 asab (5 Matto 3) Doca a=1, acest ociticin mu decide. Fie a=1. \*= m. T\_w = m, WWEN, Deci Jim &m=Jim M=+00 : tunifela moto Sim  $\pm m = 1 + \infty$ , desa ectito)

inamost so surie surtines includations airestical

Fie  $(\pm m)_m$  C[0,+00) a.z. a)  $\lim_{m \to \infty} m = \frac{m = 1}{2}$ ,  $\lim_{m \to \infty} m = \frac{m}{2}$ 

- . 0=mx mil ismite (1>8 isaab (1)
- 00 += mx mil ismuto !- s saal (s
- 3) Dea 7=1, stunci ocett oriterin mu decide.

(3: Tie 3m = (2: m2+2m+3), (4 m = 10).

 $\lim_{m \to +\infty} \int_{\infty}^{\infty} \frac{2m}{m} = \lim_{m \to +\infty} \frac{2m+3m+5}{2m+2m+3} = \frac{2m}{2m}$ 

- set is isation intellegates interestives. For immens is initiated insum

- 2) Deci  $\frac{\alpha}{2} > 1$  (i.e.  $\alpha > 2$ ), stime  $\lim_{m \to +\infty} x_m = +\infty$ .
- · stisse un livetire ismeter (les o. i) 1 = 2 sach (E

Fie a= Se.

	(1) restazorarb toirth stre m(mž), rabegr
	arinigrál de la comigrál de la comigral de la comigrál de la comigral de la comig
	muco, restaverach taith ste m(mx) sourcasell
Ca.	Fix mENK, DE & 1,2,, m} is 22: [2,2+1]-R,
Z.	(x)=Dnx.
	1.5.0(1+4,£)>\$2 (E);= (E);= (E); €(1,£+1)0.2.
	1) $f_{R}$ continua $f_{R}$ [2, 2+1] $f_{R}$ (2) $f_{R}$ (2, 2+1) $f_{R}$ (2) $f_{R}$ (3) $f_{R}$ (4) $f_{R}$ (4) $f_{R}$ (4) $f_{R}$ (5) $f_{R}$ (6) $f_{R}$ (7) $f_{R}$ (8) $f_{R}$ (8) $f_{R}$ (9) $f_{R}$ (1) $f_{R}$ (2) $f_{R}$ (3) $f_{R}$ (4) $f_{R}$ (4) $f_{R}$ (5) $f_{R}$ (6) $f_{R}$ (7) $f_{R}$ (8) $f_{R}$ (9) $f_{R}$ (1) $f_{R}$ (1) $f_{R}$ (1) $f_{R}$ (1) $f_{R}$ (1) $f_{R}$ (2) $f_{R}$ (3) $f_{R}$ (4) $f_{R}$ (4) $f_{R}$ (5) $f_{R}$ (6) $f_{R}$ (6) $f_{R}$ (7) $f_{R}$ (7) $f_{R}$ (8) $f_{R}$ (8) $f_{R}$ (8) $f_{R}$ (9) $f_{R}$ (9) $f_{R}$ (9) $f_{R}$ (9) $f_{R}$ (1) $f_{R}$ (2) $f_{R}$ (2) $f_{R}$ (3) $f_{R}$ (3) $f_{R}$ (4) $f_{R}$ (4) $f_{R}$ (4) $f_{R}$ (5) $f_{R}$ (6) $f_{R}$ (6) $f_{R}$ (6) $f_{R}$ (6) $f_{R}$ (7) $f_{R}$ (6) $f_{R}$ (7) $f_{R}$ (7) $f_{R}$ (8)
= (3	1) cq E(2)2+2) a.z. = 2m(2+1)-2m/2
8	<
	$k=1 \Rightarrow \frac{1}{2} < 2m 2 - 2m 1 < 1$
3	1=2=, = 3< 2m3-2m2< \frac{1}{2}
8	$\beta = m = 2 \frac{m+1}{m} < 2m(m+1) - 2m m < \frac{m}{m}$
	(mn2-2m2)+(2m3-2m2)++(2m(m+1)-2mm)
=\	(1+ ± ++ = ) 2m(m+1)~1+ ± +1 > 2m(m+1) - 2mm > 0 - mm - (1+m)m < m × に m × と m m (1+m)m と
	(2) (tinipation $m(m\mathcal{X}).e.i$ ) $M\ni m(V)$ , $l \geqslant m\mathcal{X} > 0$ stabagget
(	Tragolumes stee m(mx) (== 5 (4.